



1653

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/551,336B

DATE: 02/04/2002

TIME: 12:45:19

FEB 13 2002

TECH CENTER 1600/2900

Input Set : A:\55545487.app

Output Set: N:\CRF3\02042002\I551336B.raw

ENTERED

3 <110> APPLICANT: HOLM, ARNE  
 4 LARSEN, BJARNE  
 6 <120> TITLE OF INVENTION: IMPROVED SOLID-PHASE PEPTIDE SYNTHESIS AND AGENT FOR  
 7 USE IN SUCH SYNTHESIS  
 9 <130> FILE REFERENCE: 55503(45487)  
 11 <140> CURRENT APPLICATION NUMBER: 09/551,336B  
 12 <141> CURRENT FILING DATE: 2000-04-18  
 14 <150> PRIOR APPLICATION NUMBER: 09/254,523  
 15 <151> PRIOR FILING DATE: 1999-03-09  
 17 <150> PRIOR APPLICATION NUMBER: PCT/DK97/00375  
 18 <151> PRIOR FILING DATE: 1997-09-09  
 20 <150> PRIOR APPLICATION NUMBER: DK 0971/96  
 21 <151> PRIOR FILING DATE: 1996-09-09  
 23 <160> NUMBER OF SEQ ID NOS: 43  
 25 <170> SOFTWARE: PatentIn Ver. 2.1  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 11  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 34 peptide  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: this peptide may also encompass a deletion  
 38 peptide of 2-9 Ala  
 40 <400> SEQUENCE: 1  
 41 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys  
 42 1 5 10  
 45 <210> SEQ ID NO: 2  
 46 <211> LENGTH: 7  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Artificial Sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 52 peptide  
 54 <400> SEQUENCE: 2  
 55 Ala Ala Ala Ala Ala Ala Ala  
 56 1 5  
 59 <210> SEQ ID NO: 3  
 60 <211> LENGTH: 11  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: Artificial Sequence  
 64 <220> FEATURE:

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65 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
66     peptide
68 <400> SEQUENCE: 3
69 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys
70   1             5             10
73 <210> SEQ ID NO: 4
74 <211> LENGTH: 13
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
80     peptide
82 <400> SEQUENCE: 4
83 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys
84   1             5             10
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 23
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
94     peptide
96 <400> SEQUENCE: 5
97 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
98   1             5             10             15
100 Ala Ala Ala Ala Lys Lys Lys
101             20
104 <210> SEQ ID NO: 6
105 <211> LENGTH: 16
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
111     peptide
113 <400> SEQUENCE: 6
114 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
115   1             5             10             15
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 26
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
125     peptide
127 <400> SEQUENCE: 7
128 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
129   1             5             10             15
131 Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
132             20             25

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135 <210> SEQ ID NO: 8
136 <211> LENGTH: 10
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: acyl carrier protein
142      (65-74)
144 <400> SEQUENCE: 8
145 Val Gln Ala Ala Ile Asp Tyr Ile Asn Gly
146   1             5             10
149 <210> SEQ ID NO: 9
150 <211> LENGTH: 16
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: acyl carrier protein
156      (65-74)-(Lys)6
158 <400> SEQUENCE: 9
159 Val Gln Ala Ala Ile Asp Tyr Ile Asn Gly Lys Lys Lys Lys Lys Lys
160   1             5             10             15
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 17
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
170      peptide
172 <220> FEATURE:
173 <221> NAME/KEY: MOD_RES
174 <222> LOCATION: (11)
175 <223> OTHER INFORMATION: Lys(tBoc)-HMPA
177 <220> FEATURE:
178 <221> NAME/KEY: MOD_RES
179 <222> LOCATION: (12)..(17)
180 <223> OTHER INFORMATION: Lys(tBoc)
182 <400> SEQUENCE: 10
183 Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
184   1             5             10             15
186 Lys
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 17
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
196      peptide
198 <220> FEATURE:
199 <221> NAME/KEY: MOD_RES
200 <222> LOCATION: (11)

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201 <223> OTHER INFORMATION: Lys-MMa
203 <220> FEATURE:
204 <221> NAME/KEY: MOD_RES
205 <222> LOCATION: (12)..(17)
206 <223> OTHER INFORMATION: Lys(tBoc)
208 <400> SEQUENCE: 11
209 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
210   1               5               10               15
212 Lys
215 <210> SEQ ID NO: 12
216 <211> LENGTH: 26
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
222 peptide
224 <220> FEATURE:
225 <223> OTHER INFORMATION: this peptide may also encompass a deletion
226 peptide of 10 Ala
228 <220> FEATURE:
229 <223> OTHER INFORMATION: this peptide may also encompass a deletion
230 peptide of 1 or 3 Lys
232 <400> SEQUENCE: 12
233 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
234   1               5               10               15
236 Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
237   20               25
240 <210> SEQ ID NO: 13
241 <211> LENGTH: 26
242 <212> TYPE: PRT
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
247 peptide
249 <220> FEATURE:
250 <223> OTHER INFORMATION: this peptide may also encompass a deletion
251 peptide of 10 Ala
253 <400> SEQUENCE: 13
254 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
255   1               5               10               15
257 Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
258   20               25
261 <210> SEQ ID NO: 14
262 <211> LENGTH: 20
263 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
268 peptide

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270 <400> SEQUENCE: 14
271 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
272   1           5           10           15
274 Ala Ala Ala Ala
275           20
278 <210> SEQ ID NO: 15
279 <211> LENGTH: 6
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
285     peptide
287 <400> SEQUENCE: 15
288 Lys Lys Lys Lys Lys Lys
289   1           5
292 <210> SEQ ID NO: 16
293 <211> LENGTH: 6
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
299     peptide
301 <220> FEATURE:
302 <221> NAME/KEY: MOD_RES
303 <222> LOCATION: (1)..(6)
304 <223> OTHER INFORMATION: Glu(tBu)
307 <400> SEQUENCE: 16
308 Glu Glu Glu Glu Glu Glu
309   1           5
312 <210> SEQ ID NO: 17
313 <211> LENGTH: 6
314 <212> TYPE: PRT
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
319     peptide
321 <220> FEATURE:
322 <221> NAME/KEY: MOD_RES
323 <222> LOCATION: (1)..(2)
324 <223> OTHER INFORMATION: Glu(tBu)Lys(tBoc)
326 <220> FEATURE:
327 <221> NAME/KEY: MOD_RES
328 <222> LOCATION: (3)..(4)
329 <223> OTHER INFORMATION: Glu(tBu)Lys(tBoc)
331 <220> FEATURE:
332 <221> NAME/KEY: MOD_RES
333 <222> LOCATION: (5)..(6)
334 <223> OTHER INFORMATION: Glu(tBu)Lys(tBoc)
336 <400> SEQUENCE: 17

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VERIFICATION SUMMARY

DATE: 02/04/2002

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